

### REMARKS

This Application has been carefully reviewed in light of the Final Office Action mailed May 2, 2011. In the Final Office Action, Claims 1, 3-9, 19, 22-23, 25-30, 32, 34-35, 37-41, 43-44 and 46 were rejected; Claim 45 was allowed; and dependent Claim 10 was objected to. Claims 1, 22, 32, 39, and 46 are herein amended, and dependent Claim 10 is cancelled without prejudice or disclaimer. Applicants respectfully request reconsideration and allowance of all pending claims in view of the amendments set forth above and the following remarks.

**Independent Claims 1, 22, 32, and 39 are amended to included the allowable subject matter of dependent Claim 10.**

Independent Claim 45 was allowed, and dependent Claim 10 was indicated as containing allowable subject matter. Accordingly, Applicants have amended each independent Claim 1, 22, 32, and 39 to incorporate the feature of dependent Claim 10.

**Amended Claim 46 is Allowable over *Siegmann*.**

Claim 46 was rejected by the Examiner under 35 U.S.C. §102(b) as being anticipated by *Siegmann* (U.S. 4,493,156). The Examiner alleges that the particular use of the drum, as recited in Claim 46, is not further limiting to the claim. Applicants have thus amended Claim 46 to recite:

46. A system for detaching a wetted frozen charge from the inner wall of a grinding pipe, comprising:

means programmed to control a drive device of the grinding pipe to control the angle of rotation and the speed of rotation of the grinding pipe; and

means programmed to vary the speed of rotation of the grinding pipe by the drive device such that the varied rotational speed detaches the wetted frozen charge from the inner wall of the grinding pipe

Applicants submit that the amendments address the Examiner's objection that the recited use of the drum is not further limiting to the claim. Accordingly, Applicants respectfully request that the rejection be withdrawn and that Claim 46 be allowed.

**Rejections based on *AAPA* and *Siegmann* are moot in view of the current amendments.**

Claims 1, 3-9, 19, 22-23, 25-30, 32, 34-35, 37-41 and 43-44 were rejected under 35 U.S.C. §103(a) as being unpatentable over *AAPA* (Applicants' Admitted Prior Art) in view of *Siegmann*. Although Applicants disagree with these rejections, Applicants have amended independent Claims 1, 22, 32, and 39 to incorporate the feature of dependent Claim 10, in order to advance prosecution in a timely manner. Thus, Applicants submit that the rejections based on *AAPA* and *Siegmann* are moot in view of the current amendments.

**CONCLUSION**

Applicants have made an earnest effort to place this case in condition for allowance in light of the remarks set forth above. Applicants respectfully request reconsideration of the pending claims.

Applicants believe there are no fees due at this time. However, the Commissioner is hereby authorized to charge any fees necessary or credit any overpayment to Deposit Account No. 50-4871 of King & Spalding L.L.P.

If there are any matters concerning this Application that may be cleared up in a telephone conversation, please contact Applicants' attorney at 512-457-2030.

Respectfully submitted,  
KING & SPALDING LLP  
Attorney for Applicants



Eric M Grabski  
Registration No. 51,749

Date: August 2, 2011

SEND CORRESPONDENCE TO:  
KING & SPALDING L.L.P.  
CUSTOMER ACCOUNT NO. **86528**  
512-457-2030  
512-457-2100 (fax)